



2600 01-31-02

Receipt  
JC18 Rec'd PCT/PTO 28 JAN 2002

Express Mail mailing label no. EL556471185US

Date of Deposit: January 28, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D. C. 20231.

Antoinette Fabris

RECEIVED

MAR 07 2002

Technology Center 2600

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:** Sperschneider, et al.

**Docket No.:** SCHO0063

**Serial No.:** 09/914,114

**Art Unit:** 2641

**Filed:** December 14, 2001

**Examiner:** UNASSIGNED

**Title:** Method and Apparatus for Producing a Data Stream of Code Words of Variable Lengths and Method and Apparatus for Reading a Data Stream of Code Words of variable Lengths

January 28, 2002

**REQUEST FOR CORRECTED FILING RECEIPT**

Assistant Commissioner for Patents  
Application Processing Division  
Customer Correction Branch  
Washington, DC 20231

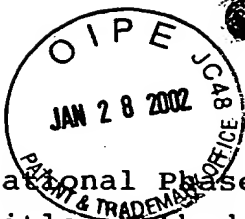
Dear Sir:

Applicant, by his attorney, requests correction of the Filing Receipt for the above-referenced patent application. The title is incorrect. Please change the title from "Method and Device for Generating a Data Flow From Variable-Length Code Words and a Method and Device for Reading a Data Flow From Variable-Length Code Words" to - - Method and Apparatus for Producing a Data Stream of Code Words of Variable Lengths and Method and Apparatus for Reading a Data Stream of Code Words of Variable Lengths- -. Please note that during the international prosecution, the title has changed. To show proof of this, enclosed is a copy of the first page of the "Clean Copy of Application After Annotations Made" that was filed with the Application on August 22, 2001. Please base examination on this.

Respectfully submitted,

  
Michael A. Glenn  
Reg. No. 30,176

Custom r No. 22862



National Phase of PCT/EP00/00312 in U.S.A.

Title: Method and Apparatus for Producing a Data stream of  
Code Words of Variable Lengths and Method and  
Apparatus for Reading a Data stream of Code Words of  
Variable Lengths

Applicants: SPERSCHNEIDER; DIETZ; LAUBER; SCHUG

RECEIVED

MAR 07 2002

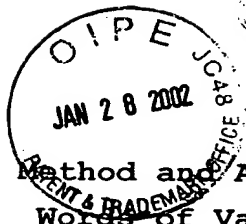
Technology Center 2600

---

Final version of PCT/EP00/00312 for the prosecution at the  
USPTO to be filed.

---

*Clean Copy after  
Annotations*



Correct  
title

Method and Apparatus for Producing a Data stream of Code  
Words of Variable Lengths and Method and Apparatus for  
Reading a Data stream of Code Words of Variable Lengths

5

RECEIVED

MAR 07 2002

Technology Center 2600

Field of the Invention

10 The present invention relates to encoding with code words  
of variable lengths and, in particular, to producing and  
reading data streams with code words of variable lengths,  
which are robust with regard to errors in transmission.

15 Background of the Invention and Prior Art

Modern audio encoding or decoding methods which work by the  
MPEG layer 3 standard, for example, are capable of  
compressing the data rate of audio signals, e.g. by a  
20 factor 12, without noticeably degrading the quality  
thereof. In order to achieve such a high data rate  
reduction, an audio signal is sampled, whereby a sequence  
of discrete-time samples is obtained. As is known in the  
art, the sequence of discrete-time samples is windowed in  
25 order to obtain windowed blocks of time samples. A block of  
time-windowed samples is then transformed to the frequency  
range by means of a filter bank, a modified discrete cosine  
transform (MDCT) or other suitable device, in order to  
obtain spectral values which, as a whole, represent the  
30 audio signal, i.e. the time section determined by the block  
of discrete-time samples, in the frequency range. Usually,  
time blocks which overlap at 50% are produced and  
transformed to the frequency range by means of a MDCT  
whereby, due to the specific properties of the MDCT, 1024  
35 discrete-time samples, for example, always lead to 1024  
spectral values.